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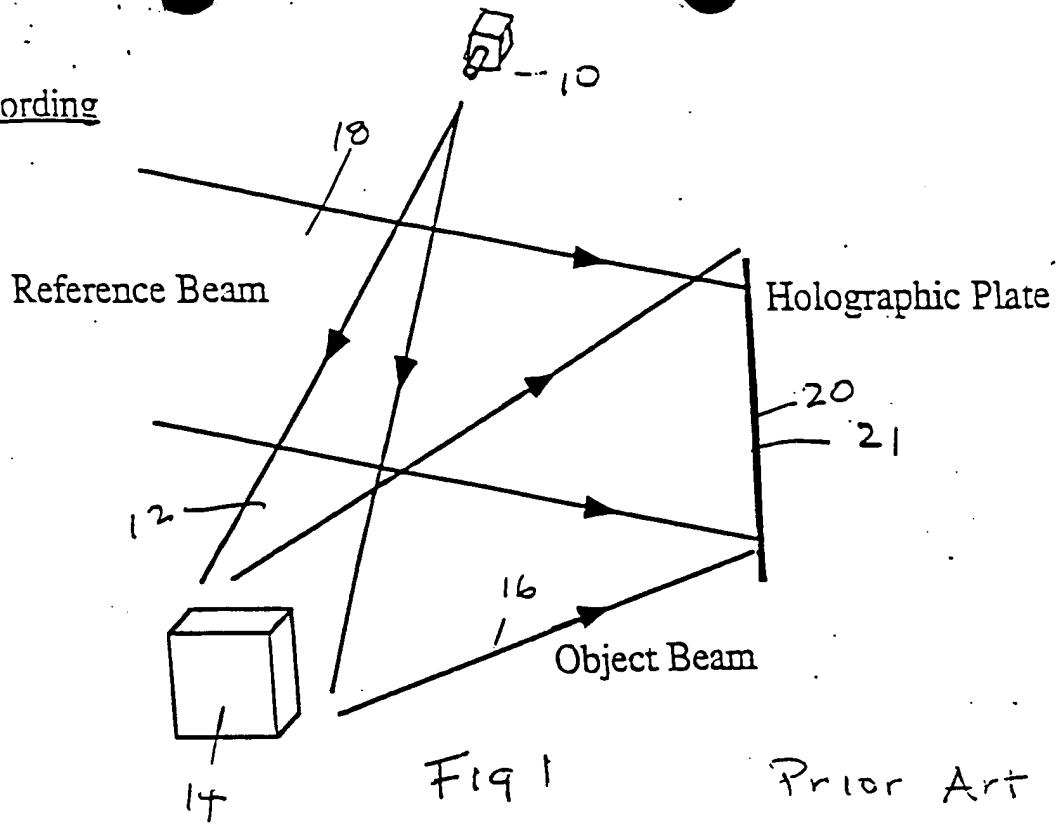
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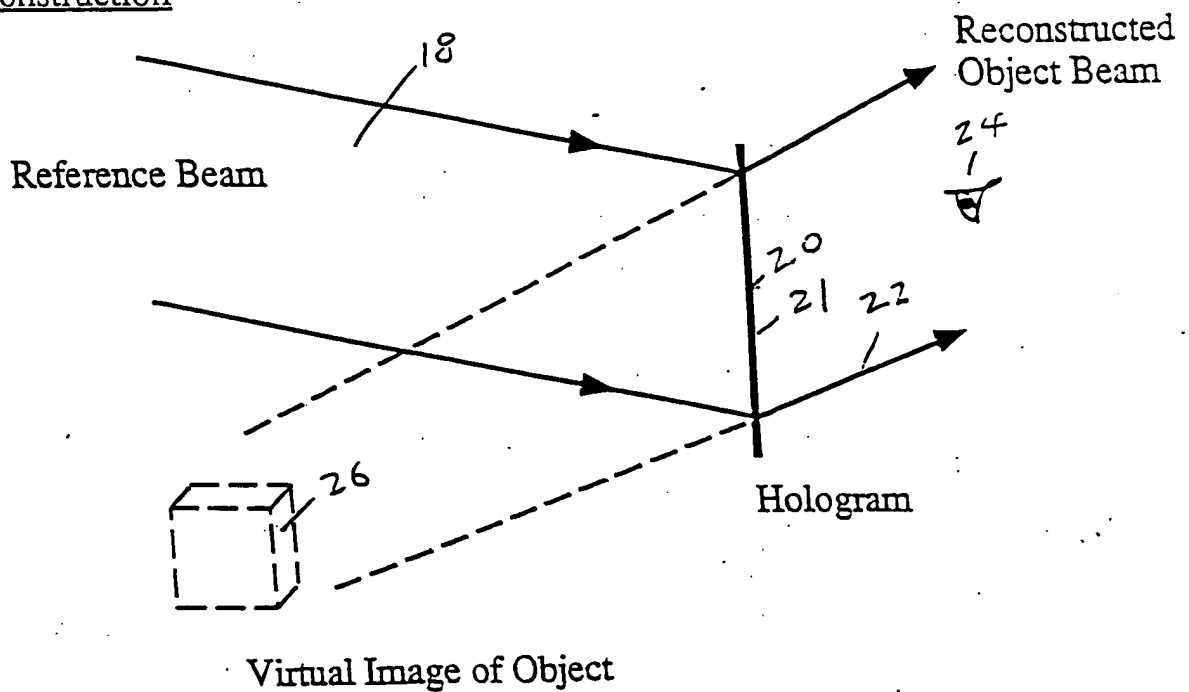
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Recording



Reconstruction



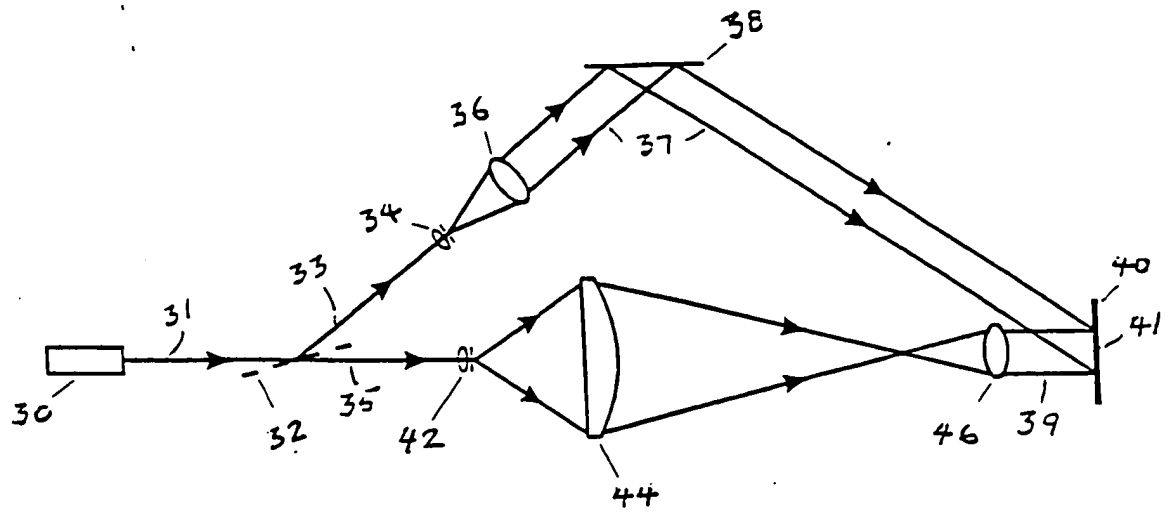


Figure 3: The recording of the hologram

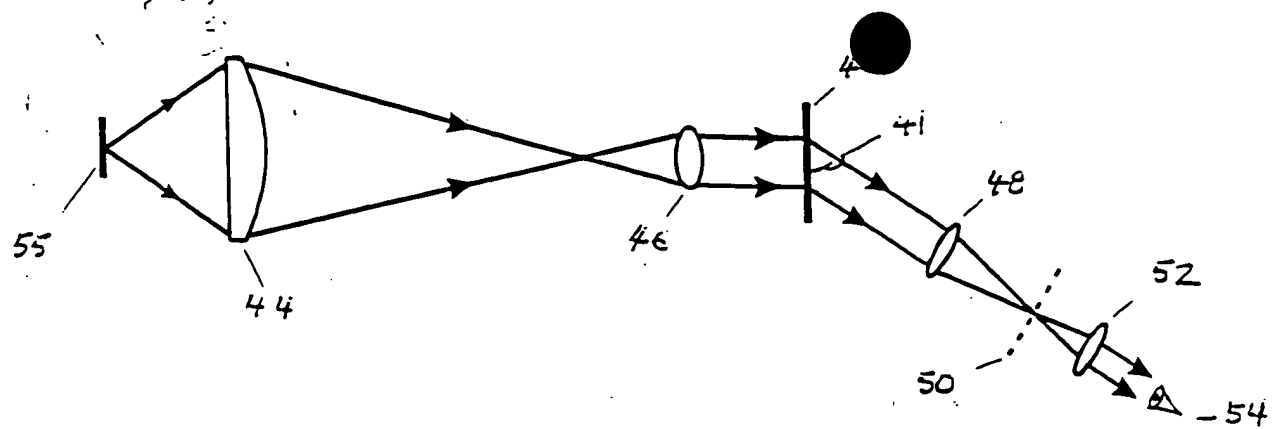


Figure 4: The reconstruction of the hologram

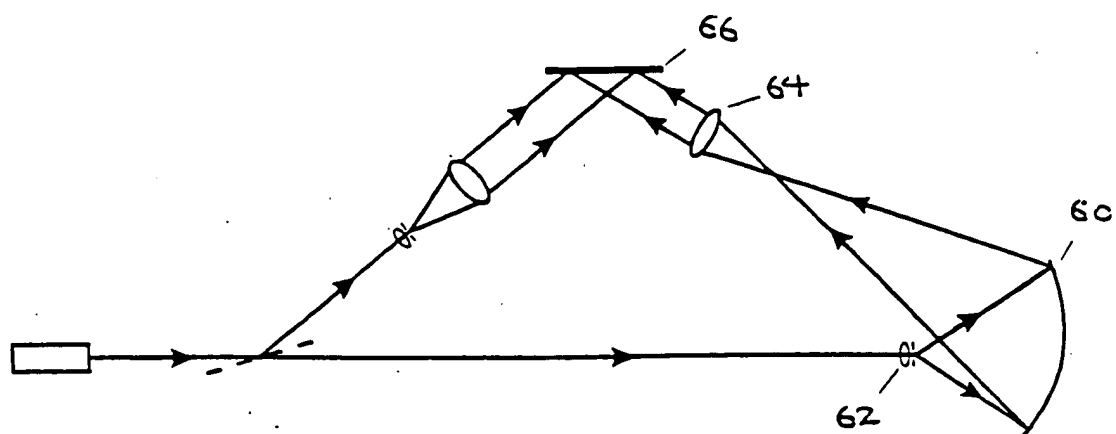


Figure 5: The recording of the hologram for a reflecting objective

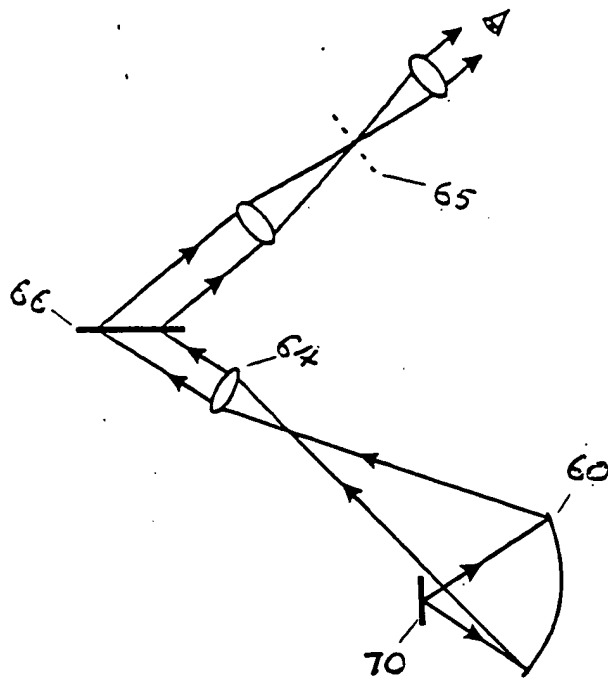


Figure 6: The reconstruction of the hologram for a reflecting objective

Fresnel lens

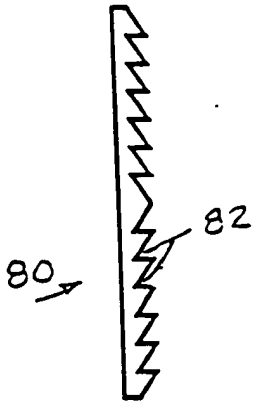


Fig 7

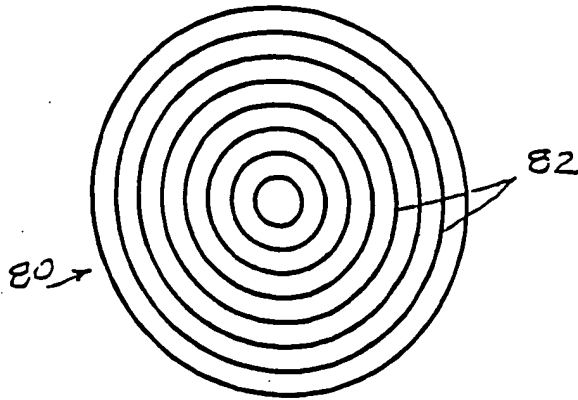


Fig 8

Zone plate (a binary amplitude z.p.)

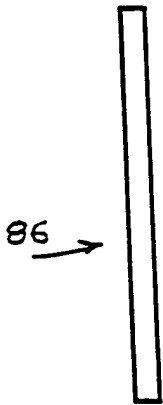


Fig 9

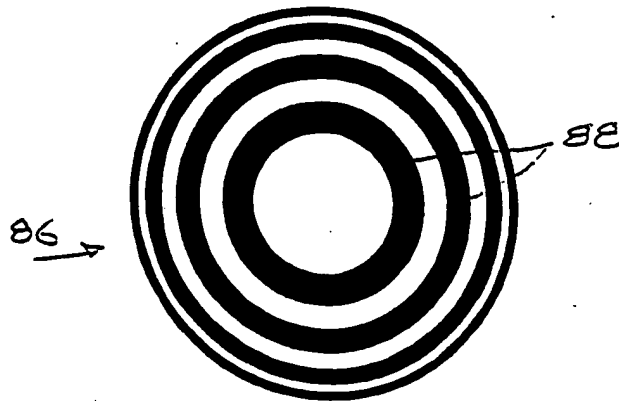


Fig 10

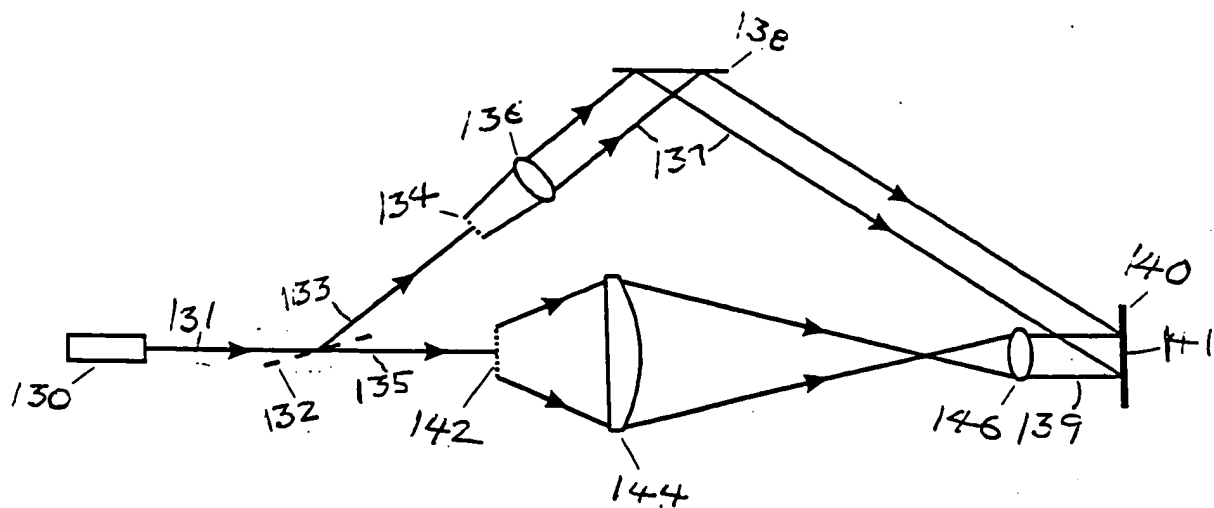


Figure 11: The recording of the hologram

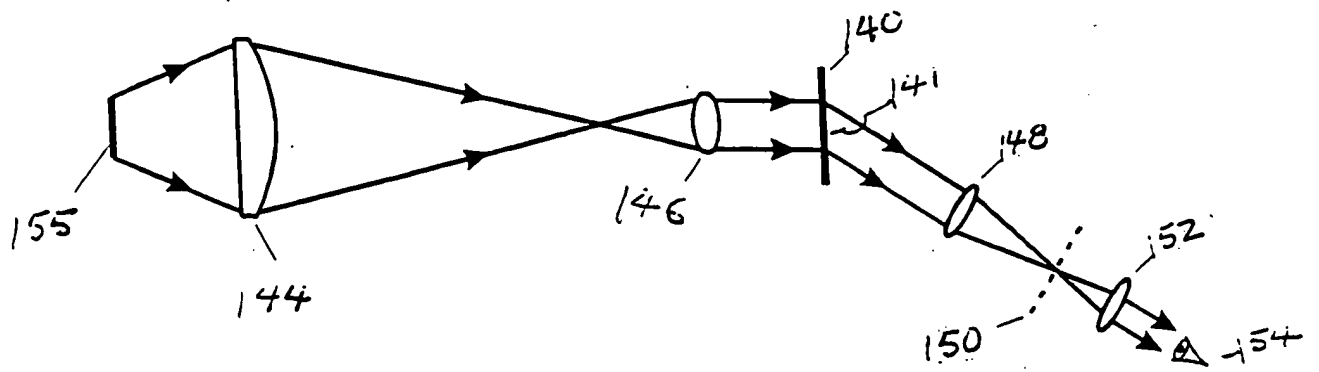


Figure 12: The reconstruction of the hologram

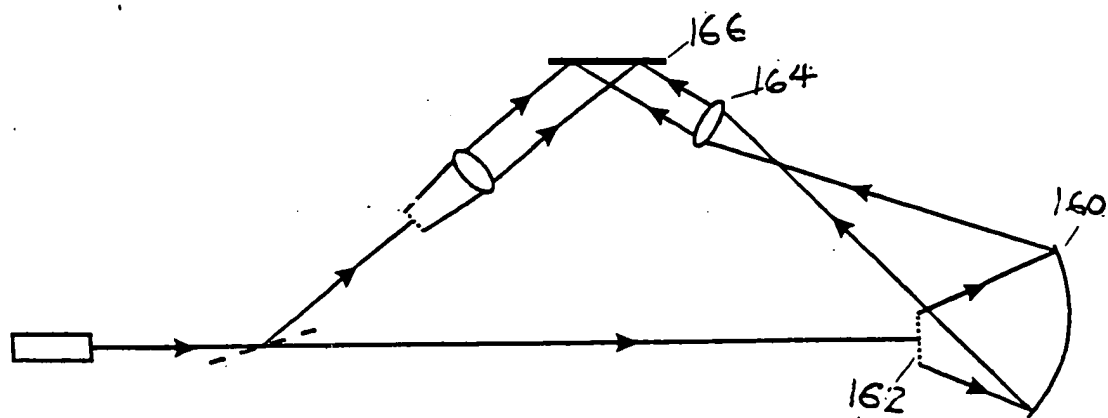


Figure 13: The recording of the hologram

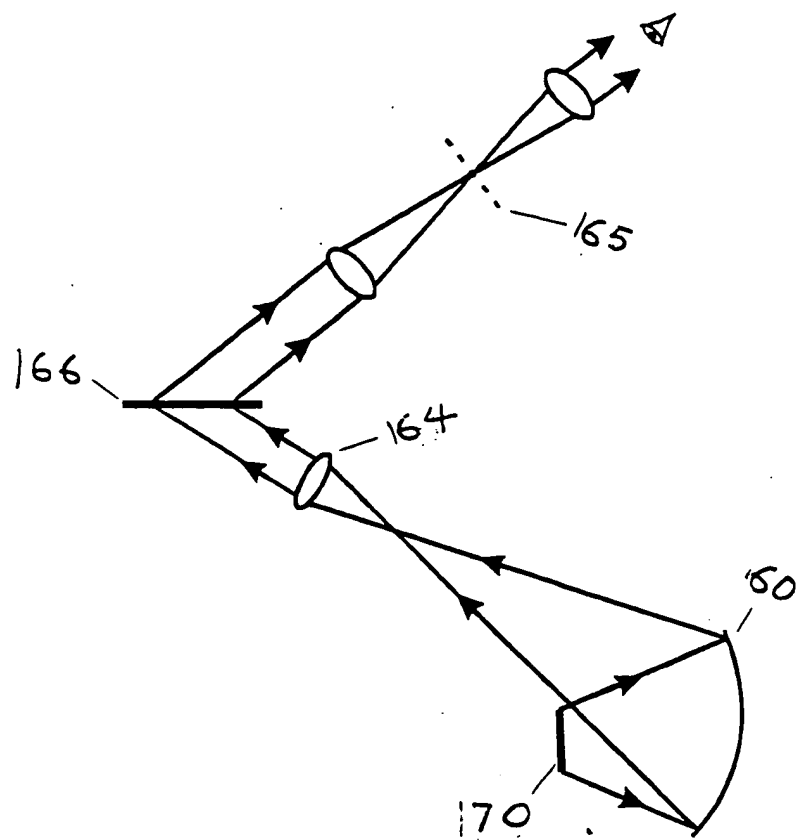


Figure 14: The reconstruction of the hologram

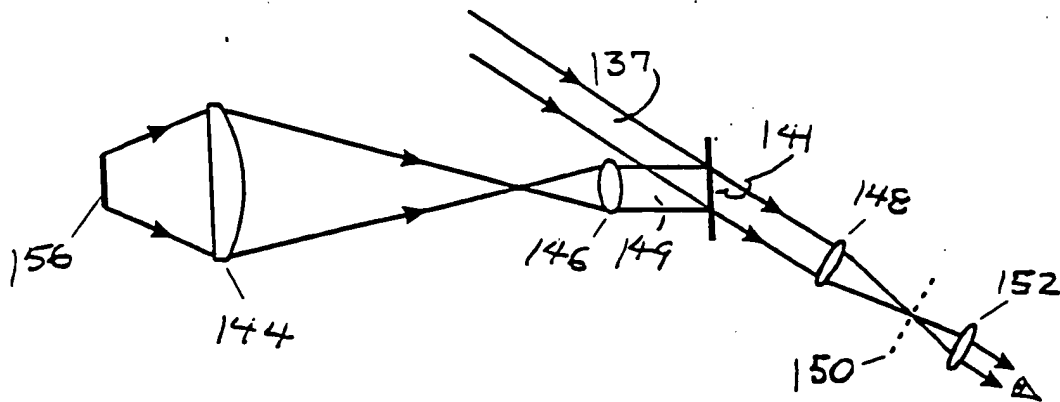


Figure 15: The reconstruction of the hologram in interference mode. Both beams are collinear and coherent.

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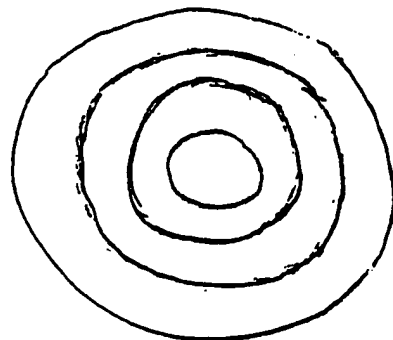


Fig 16.